

# ABENGOA

Innovative technology solutions for **sustainability**

## **Abengoa cuts down its CO<sub>2</sub> emissions by 550,000 tons in 2010**

- This significant reduction stems from the company's firm commitment in the fight against climate change.
- This measurement considers the activity variation in comparison with the 2009 period.

Seville, 24<sup>th</sup> August 2011.- Abengoa, the international company that applies innovative technology solutions for sustainable development in the energy and environment sectors, cut down the CO<sub>2</sub> emissions associated with its products and services by 550,000 tons in 2010.

This outstanding reduction in relation to the 2009 levels stems from the company's firm commitment to fight against climate change and respect for the environment. The 2010 total emissions amounted to 9,563,056 tons.

In 2008, Abengoa commissioned the greenhouse gas (GHG) emission allowance inventory, a system of accounting for the GHG emissions from all its processes of production of goods and services, for all activities it may be engaged in and throughout the geographies it may be present in, which allows it to define and meet yearly reduction goals.

To account for the emissions of the company, the activity variation, a factor with a significant misleading effect on the results, has been taken into account. Thus, a company that did a lot more work this year than last year will also have increased its emissions. Therefore, in the plans for reduction, success centres on ensuring that the increase in emissions remains below the increase in activities.

To eliminate such distorting effect, Abengoa does not carry out a comparative study between the emissions of one year and those of the previous year, but between ratios: CO<sub>2</sub> tons/activity. This formula is used to obtain the exact figure of the reduction in the emissions of the company, exclusively applying the emission reduction plans.

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The yearly accounting of emissions carried out by Abengoa is one of the most complete currently in existence, since it incorporates the three scopes included in the Kyoto Protocol: direct emissions, associated with sources controlled by the company (scope 1); indirect emissions, associated with the generation of electric or thermal energy acquired (scope 2), and indirect emissions associated with a chain of production of goods and services acquired by Abengoa (scope 3).

On the other hand, the greenhouse gas allowance inventory allows the labelling of the products and services of Abengoa, who reports the emissions associated with each of them to its customers and to society in general. Up to now, the company has signed agreements with over 17,000 suppliers worldwide, which oblige them to reveal their emissions or manifest their intention to introduce a system of reporting their emissions within a period of six months. This extension to purchases is one of the novelties of the system, as it implies the active collaboration of Abengoa's suppliers in the fight against climate change.

Together with the GRI (Global Reporting Initiative), the Environmental Sustainability Indicators (ESI), the system of certification and Abengoa's Sustainability integrated management system, the greenhouse gas allowance inventory is part of a tool that allows real-time management of the global footprint (social, economic and environmental) associated with the activities of the company.

Abengoa is using these tools to sustain its leadership in the making of policies affecting the climate change, and to remain an exemplary reference in the scope of environmental sustainability for other companies.

## **About Abengoa**

Abengoa (MCE: ABG) is an international company that applies innovative technology solutions for sustainable development in the energy and environment sectors, generating electricity from the sun, producing biofuels, desalinating sea water and recycling industrial waste. ([www.abengoa.com](http://www.abengoa.com)).

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